## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1915	606/180	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/28 14:50
L2	1577	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L3	1327	(606/198). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L4	2182	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/28 15:04
L5	2490	(604/22,70,531). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L6	4797	(606/170,180,128,194).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L7	4498	(606/114,110,115,127,128,159,180,170).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/10/28 15:04
L8	1577	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L9	1327	(606/198).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04

L10	2182	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/28 15:04
L11	2490	(604/22,70,531).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L12	4797	(606/170,180,128,194).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:04
L13	11926	L2 L3 L5 L4 L6 L7 L8 L9 L10 L11 L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/28 15:04
L14	518	L13 and @pd> "20100301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/28 15:04
L15	20	((IMMANUEL) near2 (STRAUB)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 15:11
L16	31	("4857046"   "5112299"   "5269751"   "5383884").PN. OR ("5873882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/28 15:12
L17	42	("3320957"   "4857046"   "4955882"   "5226909"   "5269751"   "5383884"   "5571122").PN. OR ("5876414"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/28 15:12
L19	3379	(604/22,35,70,531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/10/28 15:15

S1	1	"10591100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:28
\$2	7	US-5417703-\$.DID. OR US-5084052-\$.DID. OR EP-0582533-\$.DID. OR EP-02091994-\$.DID. OR WO-0054659-\$.DID. OR WO-9424941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:59
S	3	US-5873882-\$.DID. OR WO-9629941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 14:03
S5	1359	(606/84,159).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 14:14
S6	1237	(606/198). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 15:17
<b>S7</b>	1968	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 15:20
S9	2173	(604/22,70,531).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 15:31
S10	4383	(606/170,180,128,194).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 16:02

S11	4	S10 and ((helical or screw) near (cuting or shearing or fragmenting or removing or abilating or aspiring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2008/11/10 16:06
S12	4	S10 and ((axial or coaxial) with (helical or screw) with (cuting or shearing or fragmenting or removing or abilating or aspiring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:08
S13	3	US-5873882-\$.DID. OR WO-9629941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:54
S14	13	DID. OR EP-04071993-\$.DID. OR EP-0310285-\$.DID. OR EP-04051989-\$.DID. OR EP-0448859-\$.DID. OR EP-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:56
S15	20	((IMMANUEL) near2 (STRAUB)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 16:59
S16	9	straub near2 medical near2 AG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/12 08:06

S18	248945	catheter or lumen or cannula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:11
S19	2232684	screw or helical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:11
\$20	9270	Thrombec\$6 or athere\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:12
\$21	5251381	Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:12
\$22	189018	(axial or coaxial or colinear) same (Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:14
\$23	2323	S18 and S19 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:15

S24	296	S18 and S19 and S22 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:15
\$25	407164	(screw or helical) and (guidewire or thread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:19
\$27	232	\$25 and \$22 and \$20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:21
\$28	45	("3732858"   "4669469"   "4955882"   "5074841").PN. OR ("5383884").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 08:29
S29	23	("4857046"   "5112299"   "5269751"   "5383884").PN. OR ("5873882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 08:30
S30	60	(US-20080255595-\$ or US-20080234706-\$ or US-20080228208-\$ or US-20080221601-\$ or US-20080128793-\$ or US-20080125798-\$ or US-20080103500-\$ or US-20080097500-\$ or US-20080065124-\$ or US-20030216761-\$ or US-20030028206-\$ or US-20020169467-\$ or US-20030114875-\$ or US-20020138091-\$).did. or (US-5084052-\$ or US-5417703-\$ or US-5873882-\$ or US-6689145-\$ or US-6676627-\$ or US-6652548-\$ or US-6623496-\$ or US-6565588-\$ or US-6624667-\$ or US-6238405-\$ or US-6506588-\$ or US-6113613-\$ or US-6036708-\$ or US-6306707-\$ or US-5897567-\$ or US-5702413-\$ or US-5312425-\$ or US-5242460-\$ or US-5226909-\$ or US-5078723-\$ or US-4857046-\$ or US-6616625-\$ or US-5947983-\$ or US-5823990-\$ or US-5569277-\$ or US-5569178-\$).did. or (US-5334211-\$ or US-5569277-\$ or US-5569178-\$).	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/11/13 08:39

		5078722-\$ or US-5074841-\$ or US-3732858-\$ or US-5571089-\$ or US-5383884-\$ or US-4935025-\$ or US-4867157-\$ or US-4844064-\$ or US-5876414-\$ or US-6156046-\$ or US-5882329-\$ or US-5860938-\$ or US-5855563-\$ or US-5746701-\$).did. or (WO-9629941-\$).did. or (WO-0054659-\$ or US-5417703-\$ or US-5084052-\$ or WO-9629941-\$).did.				
<b>S31</b>	0	S30 and (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 08:40
S32	58	medical with (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 08:41
S33	98	medical with catheter with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13
S34	30	("3618613"   "4610674"   "4636346"   "4705511"   "4806182"   "4875481"   "5066285"   "5143409"   "5167647"   "5181750"   "5330449"   "5333650"   "5380301"   "5466230"   "5507732"   "5509910"   "5599325"   "5676659").PN. OR ("6068622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 11:44
<b>S35</b>	2	"20030114875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 13:27

S36	87	"4705511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 13:28
<b>S</b> 37	4091	(606/114,110,115,127,128,159,180,170).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/24 10:23
S38	118	S37 and ((aspirate or transport) same (ablate or cut or shear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:28
S39	1		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S40	7	0582533-\$.DID. OR EP-02091994-\$.DID. OR WO-0054659- \$.DID. OR WO-9424941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S41	3	i i	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S42	1405	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
S43	1255		US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43

S44	2011	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S45	2237	(604/22,70,531).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
S46	4457	(606/170,180,128,194). OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
\$47	4	S46 and ((helical or screw) near (cuting or shearing or fragmenting or removing or abilating or aspiring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
\$48	4	S46 and ((axial or coaxial) with (helical or screw) with (cuting or shearing or fragmenting or removing or abilating or aspiring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
\$49	3	US-5873882-\$.DID. OR WO-9629941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43

\$50	13	DID. OR EP-04071993-\$.DID. OR EP-0310285-\$.DID. OR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S51	20	((IMMANUEL) near2 (STRAUB)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
\$52	9	straub near2 medical near2 AG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S53	260360	catheter or lumen or cannula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
<b>S</b> 54	2283996	screw or helical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
<b>\$55</b>	9535	Thrombec\$6 or athere\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43

<b>S</b> 56	5399747	Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
\$57	191519	(axial or coaxial or colinear) same (Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
\$58	2468	S53 and S54 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
\$59	306	S53 and S54 and S57 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
<b>S</b> 60	417569	(screw or helical) and (guidewire or thread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
S61	240	S60 and S57 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43

S62	56	("3732858"   "4669469"   "4955882"   "5074841").PN. OR ("5383884").URPN.	US-PGPUB; USPAT; USOCR	OR	3	2009/04/24 10:43
S63	25	("4857046"   "5112299"   "5269751"   "5383884").PN. OR ("5873882").URPN.	US-PGPUB; USPAT; USOCR	OR	3 :	2009/04/24 10:43
S64	60	(US-20080255595-\$ or US-20080234706-\$ or US-20080228208-\$ or US-20080221601-\$ or US-20080188793-\$ or US-20080125798-\$ or US-20080103500-\$ or US-20080097500-\$ or US-20080065124-\$ or US-20030216761-\$ or US-20030028206-\$ or US-20020169467-\$ or US-20030114875-\$ or US-20020169467-\$ or US-20030114875-\$ or US-20020138091-\$).did. or (US-5084052-\$ or US-6676627-\$ or US-6652548-\$ or US-6689145-\$ or US-6565588-\$ or US-623496-\$ or US-6565588-\$ or US-623496-\$ or US-6206898-\$ or US-6113613-\$ or US-6238405-\$ or US-6206898-\$ or US-513613-\$ or US-5702413-\$ or US-5312425-\$ or US-5242460-\$ or US-5702413-\$ or US-5312425-\$ or US-5242460-\$ or US-5226909-\$ or US-5947983-\$ or US-5823990-\$ or US-5569277-\$ or US-5947983-\$ or US-5823990-\$ or US-5571089-\$ or US-5074841-\$ or US-3732858-\$ or US-5078722-\$ or US-5074841-\$ or US-3732858-\$ or US-5571089-\$ or US-5882329-\$ or US-5876414-\$ or US-6156046-\$ or US-5882329-\$ or US-5860938-\$ or US-5855563-\$ or US-5746701-\$).did. or (WO-9629941-\$).did. or (WO-9629941-\$).did. or (WO-9629941-\$).did. or (WO-9629941-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	3 :	2009/04/24
S65	0	S64 and (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	5	2009/04/24 10:43

S66	61	medical with (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S67	104	medical with catheter with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S68	30	("3618613"   "4610674"   "4636346"   "4705511"   "4806182"   "4875481"   "5066285"   "5143409"   "5167647"   "5181750"   "5330449"   "5333650"   "5380301"   "5466230"   "5507732"   "5509910"   "5599325"   "5676659").PN. OR ("6068622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
<b>S</b> 69	3	"20030114875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S70	87	"4705511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
S71	7083323	\$37 \$38 \$39 \$40 \$41 "\$4" \$42 \$43 \$44 "\$8" \$45 \$46 \$47 \$48 \$49 \$50 \$51 \$52 "\$17" \$53 \$54 \$55 \$56 \$57 \$58 \$59 \$60 "\$26" \$61 \$62 \$63 \$64 \$65 \$66 \$67 \$68 \$69 \$70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:43
S72	0	S71 and @pd> "20090424"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:45

S73	1442	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S74	1267	(606/198). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S75	2046	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:17
S76	2313	(604/22,70,531).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S77	4526	(606/170,180,128,194). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S78	4180	(606/114,110,115,127,128,159,180,170).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/15 13:17
S79	1442	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S80	1267	(606/198).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S81	2046	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:17
S82	2313	(604/22,70,531).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17
S83	4526	(606/170,180,128,194). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 13:17

\$84	11139	S73 S74 S76 S75 S77 S78 S79 S80 S81 S82 S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:17
\$85	236	\$84 and @pd>"20090424"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:18
S86	0	US-9101114-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/25 09:20
\$87	0	US-9101114-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/25 09:22
\$88	0	US-9101114-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 09:23
\$89	0	US-9101114-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/25 09:23

<b>S</b> 90	24	"9101114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 09:24
S91	2	("5087265").PN.	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT	OR	OFF	2010/02/25 09:25
S92	62	(US-20080255595-\$ or US-20080234706-\$ or US-20080228208-\$ or US-20080221601-\$ or US-20080188793-\$ or US-20080125798-\$ or US-20080103500-\$ or US-20080097500-\$ or US-20080065124-\$ or US-20030216761-\$ or US-20030028206-\$ or US-20020169467-\$ or US-20030114875-\$ or US-20020138091-\$).did. or (US-5084052-\$ or US-6676627-\$ or US-652548-\$ or US-6623496-\$ or US-6565588-\$ or US-6264667-\$ or US-6238405-\$ or US-6206898-\$ or US-6113613-\$ or US-5036708-\$ or US-636707-\$ or US-5897567-\$ or US-5702413-\$ or US-5312425-\$ or US-5897567-\$ or US-5226909-\$ or US-5312425-\$ or US-5823990-\$ or US-5226909-\$ or US-5078723-\$ or US-5823990-\$ or US-569277-\$ or US-5569178-\$).did. or (US-5334211-\$ or US-5078722-\$ or US-5569178-\$).did. or (US-5334211-\$ or US-571089-\$ or US-5383884-\$ or US-4935025-\$ or US-571089-\$ or US-53883884-\$ or US-4935025-\$ or US-6156046-\$ or US-53882329-\$ or US-5860938-\$ or US-5855563-\$ or US-5746701-\$ or US-5860938-\$ or US-5087265-\$).did. or (WO-9629941-\$).did. or (WO-0054659-\$ or US-5417703-\$ or US-5084052-\$ or WO-9629941-\$). did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/02/25
S93	6	S92 and ceramic	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/02/25 16:21

S94	1498	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S95	1280	(606/198).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S96	2095	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 18:49
S97	2386	(604/22,70,531).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S98	4606	(606/170,180,128,194). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S99	4287	(606/114,110,115,127,128,159,180,170).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/25 18:49
S100	1498	(606/84,159). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S101	1280	(606/198). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S102	2095	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 18:49
S103	2386	(604/22,70,531).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49
S104	4606	(606/170,180,128,194). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 18:49

S105	11408	S94 S95 S97 S96 S98 S99 S100 S101 S102 S103 S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 18:49
S106	258	S105 and @pd>"20091026"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 18:49
S107	62	(US-20080255595-\$ or US-20080234706-\$ or US-20080228208-\$ or US-20080221601-\$ or US-20080188793-\$ or US-20080125798-\$ or US-20080103500-\$ or US-20080097500-\$ or US-20080065124-\$ or US-20030216761-\$ or US-20030028206-\$ or US-20020169467-\$ or US-20030114875-\$ or US-20020138091-\$).did. or (US-5084052-\$ or US-5417703-\$ or US-65873882-\$ or US-6689145-\$ or US-6676627-\$ or US-62244667-\$ or US-6238405-\$ or US-6565588-\$ or US-6264667-\$ or US-6238405-\$ or US-636707-\$ or US-5897567-\$ or US-5702413-\$ or US-5312425-\$ or US-5242460-\$ or US-5226909-\$ or US-5078723-\$ or US-4857046-\$ or US-5616625-\$ or US-5947983-\$ or US-5823990-\$ or US-5569277-\$ or US-5569178-\$).did. or (US-5334211-\$ or US-5571089-\$ or US-5383884-\$ or US-4935025-\$ or US-5571089-\$ or US-5882329-\$ or US-5860938-\$ or US-5855563-\$ or US-5746701-\$ or US-5860938-\$ or US-5855563-\$ or US-5746701-\$ or US-6217565-\$ or US-5887265-\$).did. or (WO-9629941-\$).did. or (WO-0054659-\$ or US-5417703-\$ or US-5084052-\$ or WO-9629941-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/10/28

## **EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	16	(604/22,35,70,531). COLS.	UPAD	OR	OFF	2010/10/28 15:15
L21	22	(606/170,180,128,194,114,110,115,127,128,159). OCLS.	UPAD	OR	OFF	2010/10/28 15:17
L22	38	20  21	USPAT; UPAD	OR	ON	2010/10/28 15:18
L23	0	22 and (tube and head and transport and screw and wire).clm.	USPAT; UPAD	OR	ON	2010/10/28 15:20
L24	8	(tube and head and transport and screw and wire).clm.	USPAT; UPAD	OR	ON	2010/10/28 15:20

## 10/28/2010 3:22:42 PM

C:\ Documents and Settings\ deastwood\ My Documents\ EAST\ Workspaces \ 10591100\_Cather\_for\_aspirating\_fragmenting\_and\_removing\_material.wsp